

BATRIBIKE®

ELECTRIC BICYCLES



Pro



**NOW FITTED
As Standard**



**GRANITE Pro
DIAMOND Pro**

Pro Spec Models

**Owner
Manual**

MODEL:-



<input type="checkbox"/>	ORANGE	<input type="checkbox"/>
<input type="checkbox"/>	SILVER	<input type="checkbox"/>
<input type="checkbox"/>	BLUE	<input type="checkbox"/>



Diamond Pro

Granite Pro

BICYCLE SERIAL NUMBER:-

				B	B				
--	--	--	--	----------	----------	--	--	--	--

Register your BATRIBIKE
Warranty online at
[batribike.com/warranty-
registration](http://batribike.com/warranty-registration)

BATTERY SERIAL NUMBER:-

FW					
-----------	--	--	--	--	--

PURCHASE DATE:-

		/			/	20		
DAY			MONTH			YEAR		

DATATAG ID:-

--	--	--	--	--	--	--	--

Register your DATATAG online at
datatag.co.uk/cycle/validate.php

DATATAG ETCH NUMBER:-

--	--	--	--	--	--	--	--	--	--

DEALER STAMP

IMPORTANT PLEASE READ THIS MANUAL FULLY BEFORE USE

For your safety and to ensure a long and trouble free life of your Batribike bicycle, check the operation of brakes, lights, bell and gears, and check tyre pressures are correct.

Also check all fasteners, including quick release mechanisms, before every ride.

Thank you for purchasing a **BATRIBIKE** Electric Bicycle

With care and correct usage your bicycle
will give many years of service.

Important

PLEASE CHARGE THE BATTERY BEFORE FIRST USING THE BICYCLE

Even though the battery indicator will show charge this cannot be
relied upon until the battery has had the initial full charge.

PACKAGE CONTENTS

- 1 ELECTRIC BICYCLE
- 1 BATTERY with 2 Keys
- 1 BATTERY CHARGER with UK Mains Lead
- 1 MANUAL
- 1 WARRANTY CARD
- 1 DATATAG Registration Certificate

Contents

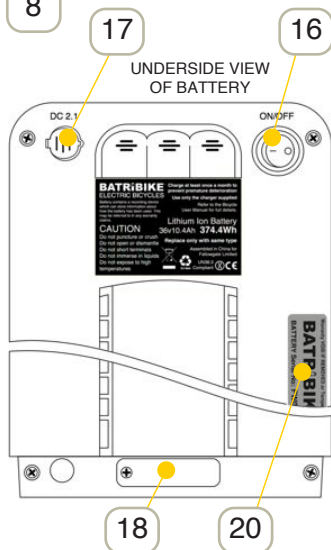
Parts Identification	PAGE 4
Battery Care & Charging	PAGE 6
Using the Power Assistance	PAGE 8
Cycle Computer Functions	PAGE 16
Standard Bicycle Functions	PAGE 18
Datatag	PAGE 22
Maintenance Schedule	PAGE 24
Special Battery Features	PAGE 26
Warranty	PAGE 28
Specifications	PAGE 30

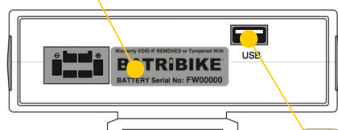
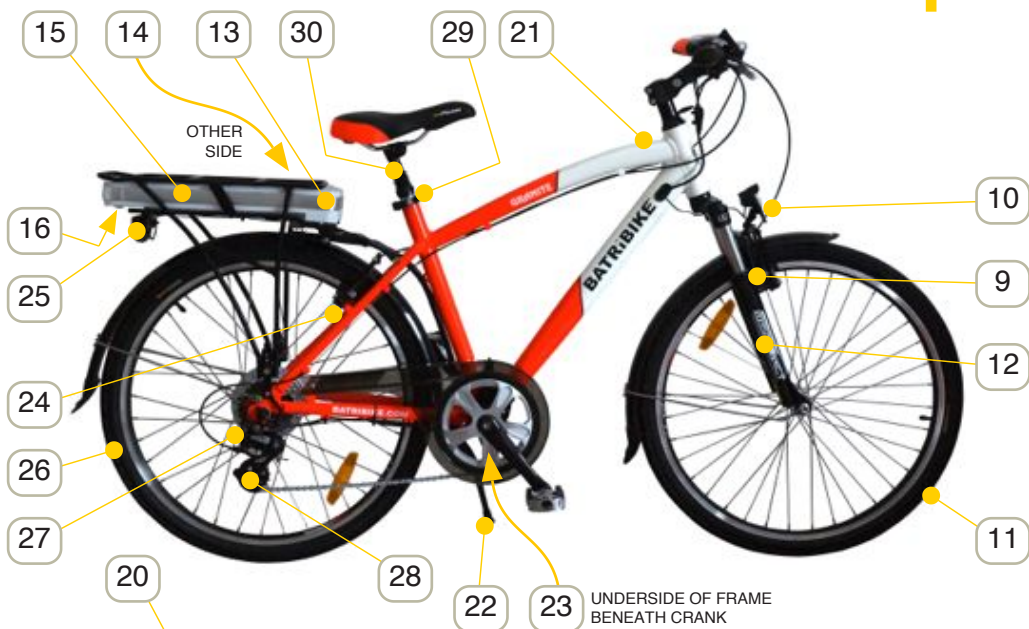


PARTS IDENTIFICATION

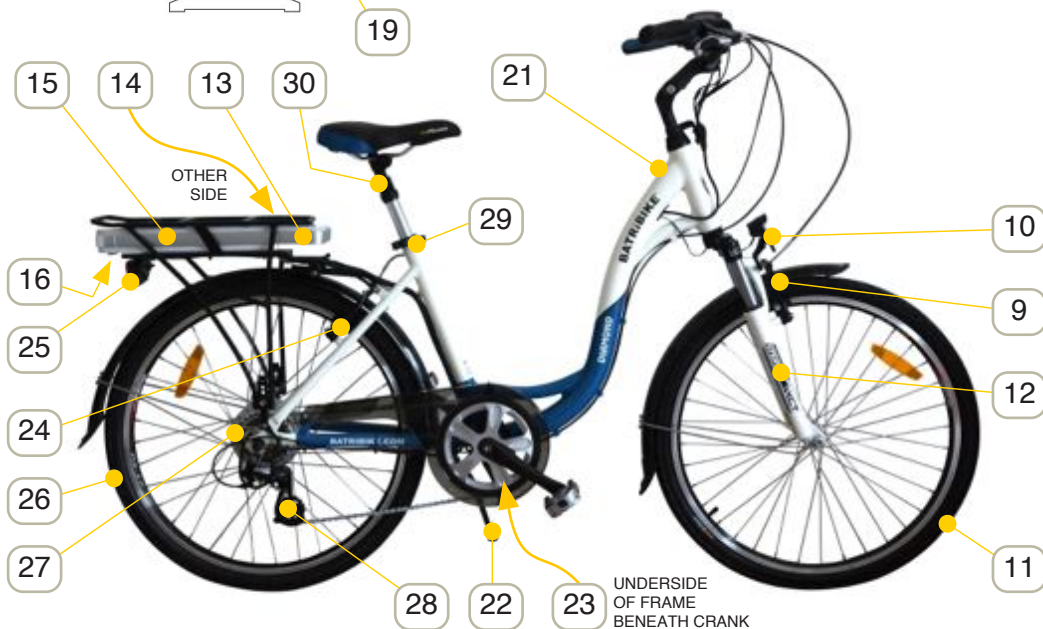
We continually strive to ensure that we provide you with the best possible products, therefore SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

1	LCD (Display)	16	Battery Power Switch
2	Thumb Throttle	17	Charging Socket
3	Rear Brake Lever	18	Fuse 35A
4	Front Brake Lever	19	USB Socket
5	Motor Cutout Switch	20	Battery Serial Number
6	Gear Selector Levers	21	Datatag Label
7	Bell	22	Side Stand
8	Gear Indicator	23	Bicycle Serial Number
9	Front Vee Brake	24	Rear Vee Brake
10	Front LED Light	25	Rear LED Light
11	Front Tyre 26 x 1.75	26	Rear Tyre 26 x 1.75
12	Suspension Forks	27	Rear Hub Motor
13	Controller Box	28	7 Spd Shimano Gears
14	Battery Security Lock	29	Seat Height Adjuster
15	Battery	30	Suspension Seat Post





VIEW OF BATTERY WHEN REMOVED FROM BIKE



BATTERY CARE & CHARGING

Your Batribike Electric Bicycle uses a Lithium battery for its power and the following points will directly affect battery life and performance.

Storage

Batteries do not like to be stored in very hot or very cold conditions or to be subject to conditions of high moisture. They also do not like to be left in a fully discharged state. If Lithium batteries are left flat for an extended period they may no longer be functional.

- Store your battery between 15° C and 25° C in a dry area. (The conditions found in a normal domestic house).
- If your Batribike is not in use for an extended period it is imperative that you charge the battery before storage and then charge the battery once a month to prevent deterioration.

Charging

Lithium batteries do not like to be left discharged. It is good practice to recharge as soon as is reasonably possible after the battery goes flat. We recommend charging after every ride, that way your electric bike is always ready for your next outing.

- Do not charge at temperatures below 0° C
- Switch off the battery before charging, using power switch located under rear of battery.
- Battery can be charged on or off the bike.
- Always make sure the battery and charger are on a non-flammable, dry surface away from sources of heat, humidity and flammable materials.
- Do not cover the battery or charger whilst charging.
- Only use the charger supplied with your battery.
- Even if not in use recharge your battery a minimum of once a month.

For Your Safety

- Keep battery away from children
- Do not dismantle
- Do not pierce or crush
- Do not immerse in liquid
- Do not expose to temperatures over 60°C
- Do not short circuit the battery connections
- Do not leave unattended whilst charging
- Do not sleep near a battery that is charging

Removing the Battery

To remove the battery, switch off at the power switch underneath the rear of the battery and then unlock by turning the key anti-clockwise and holding there whilst sliding out the battery from the rear of the carrier. A handy set of finger grips are provided to make this easier.

Using the Charger

Two types of battery charger are used by BATRIBIKE. (Only one will be supplied). Both have a charge light which will display RED when charging and change to GREEN when the battery is charged.



The alternative type charger also has a second light which shows RED when mains power is applied.

- **Ensure the battery is switched off.**
- **Plug the charging lead into the battery.**

The charging lead plugs into the charging socket located beneath the rubber cover on the underside rear of the battery casing.

- **Plug the charger into the mains socket and switch on at the wall outlet.**
- **The lights on the charger will illuminate after a few seconds.**



When charging is complete the RED charge light will change to GREEN. May take up to 6 hrs for flat battery.

- **Once charged, switch off at the wall outlet and unplug.**
- **Disconnect the charging lead from the battery and replace the cover over the charging socket.**

The battery does not have to be completely discharged before it is recharged. The Lithium battery has no "memory" and therefore can be charged at any time. It is perfectly acceptable to recharge the battery after a short ride so that the battery is fully charged before the next ride.

IMPORTANT

Plug the charger into the battery before switching on at the mains.

Similarly, switch off at the mains before unplugging the charger from the battery.

DO NOT LEAVE PERMANENTLY CONNECTED

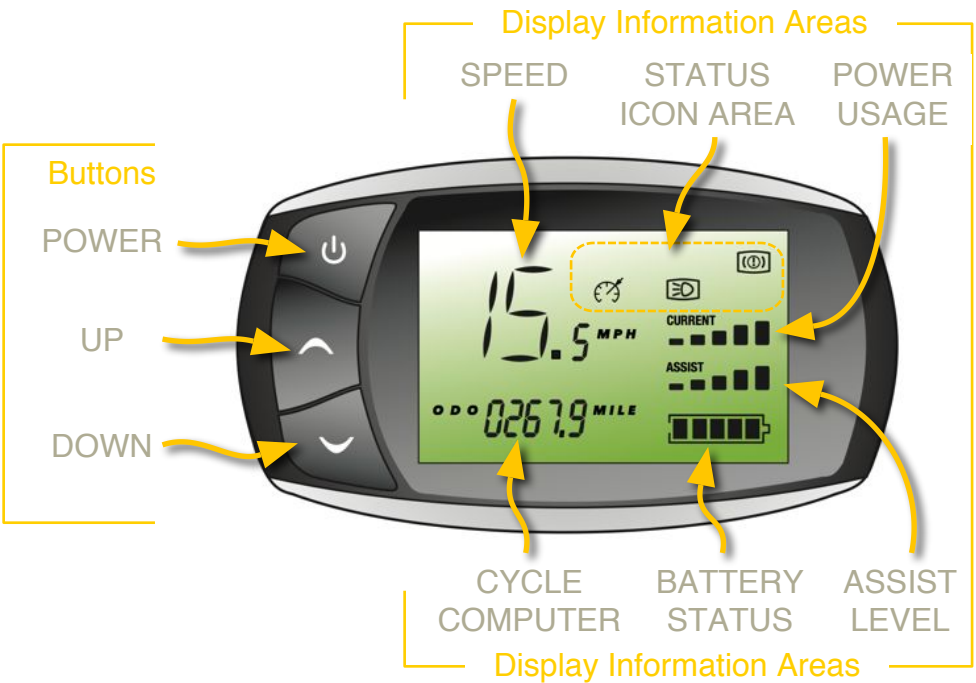
NOTE: If the battery is charged and the charger left switched on for an extended period the alternative type charger will enter a low power state, indicated by both the RED and ORANGE/ GREEN LEDs flashing slowly.

Switch off and unplug as above.

Usage

Your BATRIBIKE Electric Bicycle can be used as a normal pedal cycle by simply not switching on the battery.

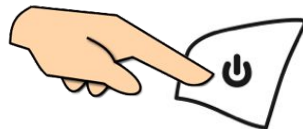
(or using in Zero Assist - see below)



ELECTRIC BICYCLE FUNCTIONS

Switching On

To use under electric power, switch on at the main power switch under the rear of the battery, then press the POWER button on the handlebar LCD display.



Control Buttons



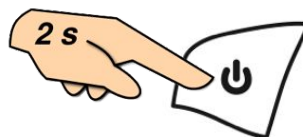
By means of the three buttons, POWER, UP and DOWN, on the handlebar mounted display unit, the various functions of the power controller and Cycle Computer can be utilised.

See the following sections for details.

Switching Off

To turn off the LCD and the power to the bike, press and hold the POWER button for 2 seconds.

If the power is left on for an extended period and the bike is not used, then the power will automatically be turned off.



Battery Meter



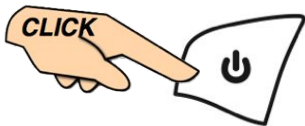
The LCD shows the charge remaining in the battery in the lower right of the display. The indicators will gradually go out as the battery power is used up. Refer to the table below for details.

BATTERY METER DISPLAYS THE CHARGE REMAINING IN THE BATTERY

SYMBOL DISPLAYED	CHARGE REMAINING	FLASHING
	70 - 100%	 BATTERY IS EXHAUSTED AND SHOULD BE RECHARGED AS SOON AS POSSIBLE
	50 - 70%	
	30 - 50%	
	15 - 30%	
	0 - 15%	

Display Backlighting - Night Mode

The LCD has a backlight for night time use. This is switched on by momentarily pressing the POWER button.



To turn the backlight off, again momentarily press the POWER button.



Note: This also operates the front and rear LED lights.

Speed Display

The centre large digits will normally display the current speed of the bicycle. For the UK market this is set to show miles per hour (MPH). The display is accurate to about 10% when the wheel size is correctly calibrated and the tyre inflated as per the manufacturers recommendations.



The display can be changed to show kilometres per hour (KMH) by pressing and holding the UP button for 4 seconds. To return to MPH repeat this process.



Pedal Assistance

There are 5 levels of pedal assistance available from the motor. Using the UP and DOWN buttons you can select from LOW (1 bar), to HIGH (5 bars). The motor will then be activated upon pedalling. There is a rotation sensor located near the crank which senses when the pedals are being used.



PEDAL ASSISTANCE FROM THE MOTOR		
LEVEL	PERFORMANCE	EXAMPLE OF USAGE
<div>ASSIST</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div>	<div>28 miles</div> <div>15.5 MPH</div>	<div>Provides maximum power when negotiating hills and head winds.</div> <div>Great when needing to simply get from A to B as fast as possible.</div>
<div>ASSIST</div> <div><div><div></div><div></div><div></div><div></div></div></div>	<div>35 miles</div> <div>12 - 15 MPH</div>	<div>Great for commuting to work.</div> <div>Normal Use Mode.</div>
<div>ASSIST</div> <div><div><div></div><div></div><div></div></div></div>	<div>40 miles</div> <div>10 - 15 MPH</div>	<div>These are the levels to use for everyday cycling. Gives good performance whilst maximising usable range per charge.</div> <div>Best for Leisure Use.</div>
<div>ASSIST</div> <div><div><div></div><div></div></div></div>	<div>60 miles</div> <div>9 - 12 MPH</div>	<div>Use these lower power levels when negotiating busy cycle paths and crowded areas. Also use when setting off and gradually increase through the levels for a smoother performance.</div>
<div>ASSIST</div> <div><div><div></div></div></div>	<div>untested</div> <div>6 MPH</div>	<div>Ideal for negotiating obstacles.</div>

Please remember that the above values are provided as a guide. Due to manufacturing tolerances the speeds & distances may vary.



Weather and terrain will affect the performance. In hilly areas, or when the bike is heavily loaded, there will be a significant increase in the power used from the battery and hence the range will decrease accordingly. A lightly loaded bike will achieve higher performance levels. (These results were obtained by test riders in optimal conditions - 75kg rider, level ground, no wind).

Other Functions

The Display will also show control status information in the status icon area at the top right of the screen.



When the brakes are used the brake symbol will light.



When the lights are operated the light symbol will show.



When the throttle is operational the throttle icon will light.

If any other indicators show or the brake indicator remains active when the brakes are not used then a malfunction may have occurred and you should refer to your BATRIBIKE dealer.

No Assistance - Normal Pedal Bicycle



If the assistance level is set to ZERO (one bar flashing), then the motor will not be turned on. Your BATRIBIKE will now act and feel like a normal bicycle. This is useful when you are feeling fit at the start of a journey or using your bike for exercise purposes. Power is still only a button press away.

Using the Throttle - Country Specific



REPEAT

To activate the throttle, repeatedly press the UP button, continuing through the levels until the throttle symbol is displayed after level 5. In this mode the thumb throttle on the left handlebar is now live. In all



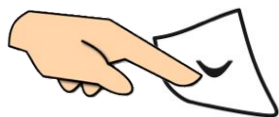
other assistance levels the throttle is not functional.

You can still pedal the bike but power will not be applied until the throttle is activated. To activate, push the thumb lever downwards.

Use the throttle control gently. A small push will apply a small amount of power. Pushing more will increase the power until the control is fully rotated, at which point full motor power is applied.

Throttle assistance can also be used without pedalling.

A handy way to use the throttle is to pull away from junctions, or when starting on inclines as the rider will pull away easier and is less likely to wobble.



To exit throttle mode and return to pedal assist mode, simply press the down button.



PLEASE NOTE:

The throttle control is not activated for some countries due to legal restrictions. Please refer to your dealer for help and advice.

BS EN15194 Compliance

The **BATRIBIKE** Pro range is compliant with BS EN15194.

For the British market, the addition of a throttle control has rendered this not compliant in some countries.

- You are recommended to seek advice from the relevant authorities in the country you are visiting before travelling.

CYCLE COMPUTER

The Pro models have useful Cycle Computer functions built in. There is a built in sensor and pickup located in the rear hub which activates the speed and distance readings.

Normal Display

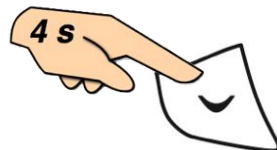
When first turned on the display shows the Trip Distance (TRIP) in the bottom left. The Speed is always shown in the upper left section of the display.



The assistance level (ASSIST) is set to the lowest level, (1 bar), and the readout is set to display speed in MPH and Trip/Odometer distances in MILES.

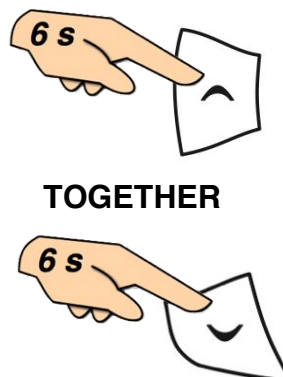
Total Distance (Odometer)

To change the display to show the Odometer Distance (ODO), simply press the DOWN button for 4 seconds. Repeat to return to TRIP display.



Resetting the Trip

To reset the TRIP distance at the start of a journey, simply press and hold the UP and DOWN buttons simultaneously, and hold for 6 seconds.



The Odometer distance displays the total distance travelled by the bicycle since leaving the factory and cannot be reset.

STANDARD BICYCLE FUNCTIONS

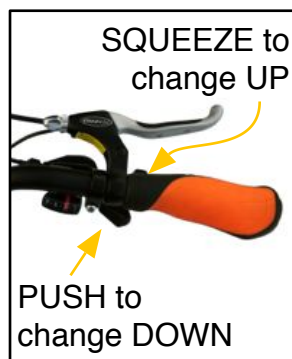
Gears

The **DIAMOND Pro** and **GRANITE Pro** are provided with 7 speed Shimano Altus gears. To change gear you use the right handlebar mounted Quick Shift selectors.

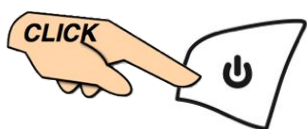
Gear number 1 is low for hills and rough terrain and gear 7 is high for normal road use. An indicator window shows the selected gear.

To increase the gear simply pull/squeeze the upper lever with your right index finger. To decrease the gear push the lower lever away from you with your thumb.

You must be pedalling forwards as you change gears.



Lights



Lights are provided on your **BATRIBIKE** bicycle. These are power efficient LED units which are powered from the main battery.

To turn on the front and rear lights, ensure that the power is on and momentarily press the POWER button.



The Lights icon will show on the display.

FRONT & REAR LIGHTS
WITH BUILT IN REFLECTORS



Braking

To stop, release the throttle and pull the brake levers. The brake icon will be shown on the handlebar mounted display.



Bell

A bell is incorporated into the left hand (rear) brake lever. It is designed to be operated with the left index finger.



Side Stand

To put the bicycle on its stand:-

- 1) While holding the bicycle upright, push the stand downwards to its full extent.
- 2) Lean the bicycle over onto the stand.

Do not sit on the bicycle whilst the stand is down. It is designed to take the weight of the bicycle and not the additional weight of the rider.

Luggage Rack

The luggage rack provided is designed to carry a maximum load of 25kg. Make sure that any items carried are securely strapped and nothing is able to get caught in the rear wheel.

All other operation of your **BATRIBIKE** Electric Bicycle is as per a normal pedal cycle.

Quick Release fittings for Seat Height Adjustment

With the locking lever in the loose position, tighten the nut until finger tight. The final tightening is done by moving the lever to the locked position. To undo move the lever to the loose position to enable height adjustment.

Loose



Locked



Suspension Forks Pre-Load Adjustment

The front suspension forks can be adjusted for pre-load to suit the rider and environment the bike is used in.

To stiffen the forks turn the adjuster clockwise.

To soften the forks turn the adjuster anti-clockwise.



Adjusting the Handlebars

The handlebars can be adjusted for height and angle to suit the rider. Hex keys, (not supplied), will be required to carry out these adjustments.

Adjust the height (Diamond Pro only), by loosening 'A' and pulling the handlebar stem upwards. Take care not to exceed the limit marked on the stem.

Adjust the rake angle by loosening 'B' and gently moving the bars to the required angle.

Adjust the bar rotation angle by loosening with the two 'C' bolts shown.

Items shown as 'D' should not need adjustment.

Ensure all bolts are secured properly after adjustment. If in



Datatag is now fitted as standard to your BATRIBIKE Electric Bicycle



We believe that there are many advantages to having the system fitted. Our customers often worry about the possibility of theft and Datatag has a proven track record as a deterrent. There are other benefits too, including cheaper insurance as major insurers offer reduced premiums for Datatagged bikes.

How it Works

Datatag UV “Stealth” PRO Cycle System including Datadots®

The Datatag UV “Stealth” PRO Cycle System is ideal for BATRIBIKE Electric Bicycles and is a Police Preferred Crime Prevention Product. The system protects your bicycle frame, forks and battery, plus the Datadots® are used to mark many of your electric and non-electric cycle components. The system includes the following state-of-the-art technology:

“Stealth” UV Etching

The system contains 3 UV “Stealth” Etches to permanently mark the frame, forks and battery.

The unique, almost invisible UV etching system, forms a major part of the risk deterrent and subsequent identification. These “stealth” UV etches don’t visibly mark your cycle paintwork!



Ultimate TE Label

The specially designed Datatag tamper evident labels contain a unique cycle identification number and QR code.

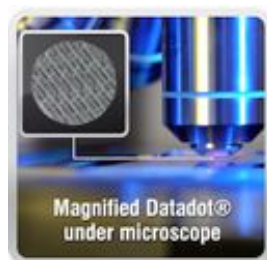
They warn off any potential thieves and are both attractive and impossible to remove without damage.



A quick scan of the QR code displays the Make & Model of the bike but does not display any personal information. Police can obtain further information via their linked PNC systems.

Datadots®

A superior microdot identification system developed for ease of use. The Datadots® can be applied to any surface, and we have chosen strategic places on major components, thus making it virtually impossible for the criminals to locate and remove them all.



You must remember to register your Datatag as soon as possible, preferably within 48 hours of purchasing your bike.

Register your Datatag



Visit www.datatag.co.uk/cycle and look for the PRO Cycle System Registration button. If you do not have internet access, speak to your dealer for help with registration.

You will need the two codes printed on the Datatag Registration Certificate included with your bike. The Unique Cycle Visible ID Number, found on the label attached to your frame, and the Datatag Stealth Etch Code marked on the frame, forks and battery. (Only visible in UV light). You also need the bike Serial Number.

This is a separate registration system to our Batribike Warranty Registration.

MAINTAINANCE SCHEDULE

Maintaining your bicycle ensures you'll get the most out of every ride and out of the entire life of your BATRIBIKE electric bike. How much of your bike's maintenance you can do yourself will depend on your knowledge, skill, experience and whether you have the necessary tools for the job.

Beyond this manual, it is good to consult your BATRIBIKE dealer for advice if you are at all unsure about any of the procedures described. Normal maintenance is not covered under the warranty and this service may be chargeable.

Before every ride

- Mechanical safety checks, (see notes on page 2). Use a fully charged battery. Visual inspection for damage.

After every ride (or WEEKLY)

- Clean the bike, including chain rings and sprocket. Clean and lightly oil the chain and gears.
- This must be carried out after every ride in dusty, marine or winter conditions due to the salt laden atmosphere.

Every 20 - 30 hours of riding (or MONTHLY)

- Squeeze the brakes and rock the bike to check for any looseness of the headset or brake mechanisms with each forward or backward movement. If any are loose, have your dealer check it.
- Lift the front wheel and turn handlebars left and right to check for tightness of steering. If tightness is detected it may be necessary to lubricate bearings and/or adjust the headset.
- Check and adjust the brakes, replace if worn out.
- Squeeze spokes in adjoining pairs between your thumb and index finger.
They all should have the same tension. Have your dealer re-spoke or true the wheel if necessary.
- Check cables for rust, kinks and fraying, have your dealer replace them if necessary.
- Check bottom bracket for play and adjust if necessary.
- Check wheel bearings for play and adjust/lubricate if necessary

After 3,000 miles (5,000 km) (or YEARLY)

- Hub motor and general inspection

We recommend you arrange to have a thorough inspection of your bicycle by a BATRIBIKE dealer. This includes opening up the hub motor to inspect and lubricate the gears.

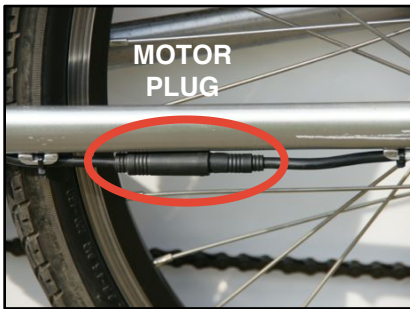
Tyre Pressures

The tyres should be pumped up to within the range stated on the sidewall. This should be regularly checked as running with the correct pressures will ensure maximum range from the battery.

Repairing a punctured tyre

If you have a punctured tyre, we recommend that you get a specialist to carry out the repairs. You can always of course consult a specialist and carry out the repairs on your own if you are confident that you have the necessary skills. As there are no electronic components on the front wheel, its removal follows standard procedures as with normal bicycles.

Removing the Rear Wheel



If you need to remove the rear wheel, for example, to replace the rear tyre, then the motor can be unplugged to aid disassembly. The plug is located on the lower rear arm of the frame as shown, (Left).



Take care when re-assembling the plug to ensure that the two arrows are aligned correctly.

Remember to ensure that the cable is suitably secured to the bicycle frame upon re-assembly.



Be mindful of the assembly sequence of washers, nuts and spacers.

SPECIAL BATTERY FEATURES

Battery Fuse

If the battery will not operate or charge correctly, firstly switch off the battery and check the battery fuse (rated 35A) located on the underside of the battery beneath the screw cover. Use a small cross-head (+) screwdriver to remove the cover.



Battery Fuse

**35A Blade Type
(Automotive)**

Purple

Battery USB Socket

On the end of the battery, opposite to the switch and charging socket, is located a standard USB socket. This can be used as a power supply for small USB powered devices such as mobile phones and cameras. It is primarily intended as an emergency power supply should your devices on-board battery run low. It is not designed for long term usage as a power supply.



To use the socket, the battery must be removed from the bike. Switch off the battery before unlocking and removing. Plug in the USB lead then turn on the main battery power switch. Ensure that the power is switched off before unplugging the USB lead.

Note: This is an output source and should not be connected to a USB charger.




Battery Meter

The battery has a useful meter located on the top rear surface. This is handy when the battery is not fitted to the bicycle as it gives an indication of resting charge level.

To operate the meter, press and hold the centre button and the LEDs will light to show an approximation of the remaining charge in the battery.



The Battery Switch, (located on the underside of the battery), must be switched to the ON position to operate the meter.

	60% to 100% Charged	Resting Charge Level is only an indication of power in the battery at rest. A more accurate indication is given on the handlebar mounted display when the bike is under load.
	30% to 60% Charged	
	Less Than 30% Charged	

Please consider the environment before disposing of any part of your Batribike Electric Bicycle.



The Battery Pack contains Lithium and Special Consideration should be given to its safe disposal. Your Local Authority should have the necessary facilities in place.



If you prefer you may take your original battery to BATRIBIKE for recycling.

Never dispose of batteries in a fire or subject to puncture or crushing.

WARRANTY CONDITIONS

The following warranty conditions are in addition to your legal rights.

Requirements for Warranty

As the makers, we guarantee against possible material or construction defects. Provided the following conditions are satisfied :

- Please retain your receipt as this is your proof of purchase and entitlement to Warranty. The guarantee starts on the date of purchase.
- Warranty is non transferable and applies only to the original owner.
- The Frame of your new **BATRIBIKE Granite Pro & Diamond Pro** is guaranteed for 3 years from date of purchase.
- The Motor and Electronics are guaranteed for 2 years from date of purchase.
- Other main cycle parts have a warranty of 1 year.
- The battery is covered for 1 year as standard. (Extension available).

Exclusions from Warranty

- When the bicycle is used negligently or results in damage due to traffic accident.
- Damage ascribed to normal wear and tear.
- Poor maintenance, or modifications that no longer complies with regulations or original technical specifications.
- Damage due to external causes.
- The bicycle is put up for hire.
- The battery pack is used incorrectly or tampered with. This also applies during charging.
- Compensatory costs arising from damages or accidents.
- Cost incurred by loss of the bicycle's usage.

Brake blocks/pads, tyres, lights and cables etc. are considered as consumables and replacements are available from BATRIBIKE or may be obtained from your local cycle shop.

In the event of a Warranty claim

- In the event of warranty repairs becoming necessary you should return your bicycle to your Authorised Batribike Dealer, (where you originally purchased your Batribike).
- Original defective parts that are sent to the manufacturer for assessment will be replaced by the same or equal value part.
- Delivery and collection charges are not included. These are borne by the owner.
- Fallowgate Limited exclusively makes the decision whether or not the warranty applies.

Battery Warranty Terms & Conditions

1. Warranty is void if Warranty Label is removed or tampered with. **
2. Owner must ensure that battery is not left in a fully discharged state. **
3. Battery must only be charged with the charger supplied. **
4. Battery must be put on charge and charged fully at least once per calendar month, even if the bike is not used. **
5. Warranty is not transferrable.
6. In the unlikely event of a battery failure, the battery must be returned to Batribike for testing. If upon testing it is found that the above conditions have not been met then the warranty will not apply and the cost of replacement and carriage will be payable by the Customer. If the battery is found to be defective and the warranty conditions have been met, then a replacement will be provided and the remaining term of the original warranty will apply. (The replacement may be a new or refurbished battery at the discretion of Batribike.)

Warranty Upgrade Offer

Register your bike for a free upgrade to 2 year battery warranty (Subject to Terms & Conditions).



Extended Battery Warranty Terms & Conditions

A free upgrade to a 2 year battery warranty is offered for purchasers registering their BATRIBIKE Electric Bicycle or Tricycle. This is in addition to the standard warranty listed in the manual.

This offer is only valid if the Warranty Registration is completed and returned to BATRIBIKE within 28 days of purchase.

This offer applies to FW serial numbered batteries only.
(Those bearing a pair of FW type warranty labels).



** Important Notice

Inside most of our batteries there is a data recorder built in to the battery management system (BMS). This data recorder, when coupled to our computer software system, records the following information:-

- a) The total number of times the battery has been charged.
- b) The maximum interval between charges (Days).
- c) The number of days since the last charge.

This information will be used when deciding the validity of a warranty claim.

Technical Specification GRANITE Pro

Frame Size	46 cm (18 inches)				Lights	Front - LED light powered by main battery Rear - LED light powered by main battery
Frame Material	Aluminium Alloy	Power Delivery Sensor	Pedal or Thumb Throttle ** Rotation Sensor			
Colour	Silver, Orange/White, Blue/White	Range (motor only)	up to 24 miles (level 6) at 15 mph	Saddle Height	89 - 100 cm (35 - 39.4 inches)	
Weight (inc. all fittings, rack, mudguards etc)	24.24 kg (53.4 lbs) inc. battery 21.29 kg (46.9 lbs) battery removed	Range (pedal assist)	28 miles (level 5) at 15 mph 40 miles (level 3) at 12 to 15 mph 60 miles (level 2) at 9 to 12 mph	Note - the min height can be reduced by purchasing a seat post without suspension		
Battery	Lithium (Samsung)	Gears	7 speed Shimano with Quick Shift	Overall Length	174 cm (68.5 inches)	
Battery Power	36V 10.4Ah	Brakes	Powerful Vee Brakes Front and Rear	Overall Height	105 cm (Typical *) (41.3 inches)	
Battery Life	Refer to separate battery info available on website	Wheels	26" with puncture resist tyres	Step-Thru Height	67.4 cm (26.5 inches) Min Crossbar height	
Motor	250W rear hub brushless	Forks	Pre-Load Adjustable Suspension	Wheelbase	105.5 cm (41.5 inches)	
Speed	Up to 15 mph (25 kmh)	Seat	Colour co-ordinated Comfort Saddle with suspension seat post (ø28.6 mm)	Max Rider Weight	130 kg (20 st 7 lbs)	
Power System	Cycle only or Multi-Mode Power Pedal assist (5 power levels) Switchable throttle **	Rear Rack	Aluminium Alloy rack housing rattle free battery carrier	Security	Battery locks on to carrier with unique key. Datatag™ fitted as standard	
				Rider Protection	Mudguards and chainguard fitted as standard	
				Note * Height varies due to handlebar stem height/rake adjustment		
		Stand	Sturdy side stand	Note ** Throttle firmness is Country Specific		

(All distances quoted on flat ground with a 75 kg (12 stone) rider)

140312 GRANITE PRO

Technical Specification DIAMOND Pro

Frame Size	44.5 cm (17.5 inches)				Lights	Front - LED light powered by main battery Rear - LED light powered by main battery
Frame Material	Aluminium Alloy	Power Delivery Sensor	Pedal or Thumb Throttle **			
Colour	Silver, Orange/White, Blue/White	Range (motor only)	up to 24 miles (level 6) at 15 mph		Saddle Height	88.5 - 99 cm (34.8 - 39 inches)
Weight (inc. all fittings, rack, mudguards etc)	24.64 kg (54.3 lbs) inc. battery 21.69 kg (47.8 lbs) battery removed	Range (pedal assist)	28 miles (level 5) at 15 mph 40 miles (level 3) at 12 to 15 mph 60 miles (level 2) at 9 to 12 mph		Note - the min height can be reduced by purchasing a seat post without suspension	
Battery	Lithium (Samsung)	Gears	7 speed Shimano with Quick Shift		Overall Length	183 cm (72 inches)
Battery Power	36V 10.4Ah	Brakes	Powerful Vee Brakes Front and Rear		Overall Height	115 cm (Typical *) (45.3 inches)
Battery Life	Refer to separate battery info available on website	Wheels	26" with puncture resist tyres		Step-Thru Height	42.5 cm (16.7 inches)
Motor	250W rear hub brushless	Forks	Pre-Load Adjustable Suspension		Wheelbase	110.7 cm (43.6 inches)
Speed	Up to 15 mph (25 kmh)	Seat	Colour co-ordinated Comfort Saddle with suspension seat post (ø28.6 mm)		Max Rider Weight	130 kg (20 st 7 lbs)
Power System	Cycle only or Multi-Mode Power Pedal assist (5 power levels) Switchable throttle **	Rear Rack	Aluminium Alloy rack housing rattle free battery carrier		Security	Battery locks on to carrier with unique key. Datatag™ fitted as standard
					Rider Protection	Mudguards and chainguard fitted as standard
					Note * Height varies due to handlebar stem height/rake adjustment	
		Stand	Sturdy side stand		Note ** Throttle firmness is Country Specific	

(All distances quoted on flat ground with a 75 kg (12 stone) rider)

140312 DIAMOND PRO

www.batribike.com



**NOW FITTED
As Standard**

BATRIBIKE Electric Bicycles are exclusive to:-

Fallowgate Limited
Kellaway House
Marton Road
Sturton-by-Stow
Lincoln
LN1 2AH
Phone: 01427 787774
E-mail: support@batribike.com

Fallowgate
LIMITED



BATRIBIKE are
Full Members of
the British Electric
Bicycle Association